

NJ3915E.M3

Cylindrical Roller Bearings (single row, with cage)



Details:

Main dimensions

d [mm]	75	d ₁ [mm]	≈ 85.7
D [mm]	105	D ₁ [mm]	≈ 95.3
B [mm]	23	r _{1,2} [mm]	1
Weight [kg]	≈ 0.639	r _{3,4} [mm]	0.6
F [mm]	82.5	s [mm]	1.4



Mating dimensions

d _{a, min} [mm]	79.6
d _{a, max} [mm]	81
d _{b, min} [mm]	85
d _{c, min} [mm]	88
D _{a, max} [mm]	100.4
r _{a, max} [mm]	1

Calculation data

C [kN]	85.9
C ₀ [kN]	137
C _u [kN]	17.9
n _{th} [min ⁻¹]	4645
n _g [min ⁻¹]	8100